OLS20
Off-line Switching Power Supply/Charger

Rev. DSOLS20_02172012

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Overview

This Altronix power supply/charger converts a 115VAC, 50/60Hz input, into a 12VDC or 24VDC output continuous supply current. This unit has a wide range of applications for access control and security system accessories that require additional power.

Specifications

Input:
- 115VAC, 50/60Hz, 0.5 amp.

Output:
- 12VDC/24VDC selectable output.
- 0.5 amp continuous supply current.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.

Battery Backup *(cont'd)*:
- Maximum charge current 0.5 amp.

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: –20º C to 49º C ambient.
- BTU/Hr.:
  - 12VDC: 2 BTU/Hr.
  - 24VDC: 5 BTU/Hr.
- System AC input VA requirement: 57.5VA.

Board Dimensions *(L x W x H) (approximate)*:

2.52" (63.55mm) x 3.007" (76.38mm) x 1.3" (33.02mm)